

especially requested by the Council to bear in mind that any interesting information, however inadequate to be the basis of a formal paper, finds its immediate use at our meetings, and its record in our *Monthly Notices*. There is much reason for regret in the circumstance that the scientific body of our day has almost entirely lost the character of the collector of suggestions worthy of consideration, hints of useful tendency, and valuable, but isolated, information. If the minutes of the Royal Society in the time which preceded the publication of the *Principia*, should now and then excite a smile, it will be checked by the obvious consideration that we owe much of what has been since done to the currency which the disposition to communicate, and the facilities for doing it, afforded to mere suggestions. Much might, perhaps, be done by encouraging the slighter and less elaborate form of communication, which it is one object of the *Monthly Notices* to perpetuate; and your Council hope that those Fellows who have shewn themselves capable of greater things, will not forget that the small matter which, thinking only of themselves, they might be inclined to throw on one side, may possibly meet the difficulty, or advance the object, of some other member of the Society. At the least, it will add attraction to the proceedings of the ordinary meeting, which it is so important to the welfare of the Society, and, through it, of astronomy, to render both instructive and interesting.

*Titles of Papers read before the Society between February 1844
and February 1845.*

1844.
March 8. Observations of the Comet of Faye. By W. Lassell, Esq.
Right Ascensions and North Polar Distances of the Comet of Faye, from Observations at the Royal Observatory, Greenwich. Communicated by G. B. Airy, Esq. Astronomer Royal.
Right Ascensions and Declinations of the Comet of Faye, observed with the Equatoreal at the Observatory of Trinity College, Dublin, by Mr. C. Thompson. Communicated by Sir W. Hamilton.
Observations of the Comet of Faye, by C. Rumker, Esq.
Observations of the Comet of Faye made at the Observatory, Durham. Communicated by the Rev. Temple Chevallier.
Observations made at Hartwell, by the Rev. J. B. Reade. Communicated by Dr. Lee.
Elements of the Comet of Faye. By Professor Henderson.
Elements of the Comet of Faye. By J. R. Hind, Esq.
Letter from Professor Encke, on the Comet of Pons.
Occultations of Fixed Stars by the Moon, observed at Hamburg. By C. Rumker, Esq.
Further Remarks on the Revision of the Southern Constellations. By Sir J. F. W. Herschel, Bart.

- Extract from a Letter of Professor Bessel to Sir J. F. W. Herschel, Bart.
- A Letter from J. R. Crowe, Esq. concerning a Society established at Alten. Communicated by Dr. Lee.
- April 12. Additional Observations of Faye's Comet. Communicated by Sir. W. Hamilton.
- Meridian Observations of the Moon and Moon-culminating Stars, made at Hamburg during the years 1838 and 1839. By C. Rumker, Esq.
- Elements of the Comet of Mauvais. By M. Götze. Communicated by Dr. Lee.
- Observations of the Comet of Encke made at the Cape of Good Hope. By T. Maclear, Esq.
- An Account of the Erection of the Herschel Obelisk at the Cape of Good Hope, accompanied by Colonel Lewis's Report, and a Plan of the Obelisk. By T. Maclear, Esq.
- On Loud Beats of Clocks used in Observatories. By J. S. Eiffe, Esq.
- May 10. The Right Ascensions of the principal Fixed Stars, deduced from Observations made at the Observatory, Cape of Good Hope, in the years 1832 and 1833. By Professor Henderson.
- Observations of the Great Comet of 1843, made at Cape Coast Castle by G. Maclean, Esq. Communicated by Capt. Beaufort.
- Extract of a Letter from J. R. Crowe, Esq. to Dr. Lee. Communicated by Dr. Lee.
- Elliptic Elements of Bremicker's Comet, by M. Götze. Communicated by Professor Schumacher.
- Elements of the Comet of Faye. By J. R. Hind, Esq.
- June 14. Some Remarks on the Telescopic Appearance of the Moon, accompanying a Model and a Drawing of a portion of her surface. By James Nasmyth, Esq.
- Observations of the Solar Eclipse of 1843, made near Mahe. By John Caldecott, Esq.
- Sextant Measures of the Sun at the Eclipse of the Sun, December 21, 1843. By Capt. Sir E. Belcher, R.N.
- On a Graphical Method of Predicting Occultations. By J. I. Waterston, Esq. Communicated by Captain Beaufort.
- Some Remarks on the Great Comet of 1843, as seen in the Neighbourhood of Paramatta. By the Rev. W. B. Clarke. Communicated by Sir John Herschel.
- Observations made at the Hamburg Observatory. By C. Rumker, Esq.
- Scheme of Planetary Elements. By S. M. Drach, Esq.
- Nov. 8. Memoir of Francis Baily, Esq. By Sir J. F. W. Herschel, Bart.
- Dec. 13. Observations of the Moon and Moon-culminating Stars,

- made at Port Essington. By Owen Stanley, Esq. Commander, R.N.
- Letter from M. Mauvais to Mr. Baily, announcing the discovery of a Comet.
- Circular Letter from Professor Encke, announcing the independent discovery of the second Comet of Mauvais by M. D'arrest.
- Astronomical Observations made at Hudson Observatory, United States, by E. Loomis, Esq. Communicated by Lieut.-Col. Sabine.
- Elements and an Ephemeris of the second Comet of Mauvais. By Professor Henderson.
- Observations of the second Comet of Mauvais. By W. Lassell, Esq.
- Observations of the second Comet of Mauvais and of De Vico's Comet. By C. Rumker, Esq.
- Observations of De Vico's Comet, made at Aylesbury, by T. Dell, Esq. Communicated by Dr. Lee.
- Elliptical Elements of De Vico's Comet, with an Ephemeris. By J. R. Hind, Esq.
- Observations of De Vico's Comet, made at Ashurst, by R. Snow, Esq.
- Observations of the Great Comet of 1843, made at St. Helena, by G. Brand, Esq.
- Extract from the Translation of a Letter from Professor Bessel on the Variability of the Proper Motions of *Sirius* and *Procyon*. Communicated by Sir John Herschel.
1845.
Jan. 10. On the Flexure of a uniform Bar supported by a number of equal Pressures applied at equi-distant points, and on the Positions proper for the Application of these Pressures, in order to prevent any sensible Alteration of the Length of the Bar by small Flexure. By G. B. Airy, Esq. Astronomer Royal.
- An Account of some Ancient Astronomical Tables in the Library of the Rev. C. Turnor, A.M. F.R.S. &c. By Mr. R. Harris, Assistant Secretary to the Society.

List of Public Institutions and of Persons who have contributed to the Society's Library, &c. since the last Anniversary.

Hon. East India Company.
 Royal Society of London.
 L'Académie Royale des Sciences de l'Institut de France.
 Dépôt Général de la Marine de France.
 British Association.
 Royal Irish Academy.
 Imperial Academy of St. Petersburg.